

1 **WHAT IS CLAIMED IS:**

2 1. A combination electrical lock device comprising an electrical lock and
3 a control server,

4 wherein the control server comprises:

5 a server control circuit, which controls all elements in the control
6 server;

7 an activating signal transmitting circuit connected to the server
8 control circuit, which outputs an activating signal to activate the electrical
9 lock;

10 an AC power supply circuit connected to the server control circuit
11 to supply an operating voltage for the control server; and

12 an electromagnetic signal transceiver connected to the server
13 control circuit to receive a remote control signal;

14 wherein the electrical lock comprises:

15 a main control circuit, which controls all elements in the electrical
16 lock device;

17 an activating signal receiving circuit connected to the main control
18 circuit to receive the activating signal; and

19 a power supply circuit connected to the main control circuit to
20 provide operating voltage for the electrical lock;

21 wherein when the electrical lock receives the activating signal from the
22 control server, the power of the electrical lock is thus being activated.

23 2. The combination electrical lock device as claimed in claim 1, wherein
24 the activating signal transmitting circuit of the control server has a magnetic field

1 generating circuit having an input terminal connected to the server control circuit
2 and having an output terminal connected to a first induction coil;

3 wherein the activating signal receiving circuit of the electrical lock has a
4 signal amplifier having an input terminal connected to the main control circuit
5 and having an output terminal connected to a second induction coil;

6 when the control server receives the remote signal, a static magnetic field
7 is generated by the magnetic field generating circuit whereby when the second
8 induction coil detects the static magnetic field, the electrical lock is then
9 activated.

10 3. The combination electrical lock device as claimed in claim 1, wherein
11 the activating signal transmitting circuit of the control server is a light signal
12 transmitting circuit and the activating signal receiving circuit of the electrical
13 lock is composed of a light signal receiving circuit and a signal amplifier.

14 4. The combination electrical lock device as claimed in claim 1, wherein
15 the activating signal transmitting circuit of the control server is a sound signal
16 transmitting circuit and the activating signal receiving circuit of the electrical
17 lock is composed of a sound signal receiving circuit and a signal amplifier.

18 5. The combination electrical lock device as claimed in claim 1, wherein
19 the power supply circuit of the electrical lock is provided by dry batteries.

20 6. The combination electrical lock device as claimed in claim 2, wherein
21 the power supply circuit of the electrical lock is provided by dry batteries.

22 7. The combination electrical lock device as claimed in claim 3, wherein
23 the power supply circuit of the electrical lock is provided by dry batteries.

24 8. The combination electrical lock device as claimed in claim 4, wherein

1 the power supply circuit of the electrical lock is provided by dry batteries.

2 9. The combination electrical lock device as claimed in claim 1, wherein

3 the power supply circuit of the electrical lock is provided by a solar energy circuit

4 10. The combination electrical lock device as claimed in claim 2,

5 wherein the power supply circuit of the electrical lock is provided by a solar

6 energy circuit.

7 11. The combination electrical lock device as claimed in claim 3,

8 wherein the power supply circuit of the electrical lock is provided by a solar

9 energy circuit.

10 12. The combination electrical lock device as claimed in claim 4,

11 wherein the power supply circuit of the electrical lock is provided by a solar

12 energy circuit.

13 13. A method for activating an electrical lock by a control server

14 disposed near the electrical lock, comprising the acts of:

15 receiving a remote signal by the control server;

16 issuing an activating signal from the control server to the electrical lock;

17 and

18 activating the electrical lock based on reception of the activating signal.

19 14. The method as claimed in claim 13, wherein the activating signal is in

20 the form of a static magnetic field.

21 15. The method as claimed in claim 13, wherein the activating signal is in

22 the form of a light signal.

23 16. The method as claimed in claim 13, wherein the activating signal is in

24 the form of a sound signal.

1 17. A combination electrical lock device comprising an electrical lock
2 and a control server,
3 wherein the control server comprises:
4 a server control circuit, which controls all elements in the control
5 server;
6 a first electromagnetic signal transceiver connected to the server
7 control circuit to receive a remote control signal; and
8 an AC power supply circuit connected to the server control circuit
9 to supply an operating voltage for the control server;
10 wherein the electrical lock comprises:
11 a main control circuit, which controls all elements in the electrical
12 lock device;
13 a first electromagnetic signal transceiver connected to the main
14 control circuit to output a query signal to detect whether the control server
15 has received the remote signal; and
16 a power supply circuit connected to the main control circuit to
17 provide operating voltage for the electrical lock;
18 wherein when the control server receives the remote signal, the electrical
19 lock is activated based on the detected result.